About Sangamo
Sangamo have been manufacturing time switches from our Port Glasgow, Renfrewshire factory for over 65 years. Our reputation for quality and reliability is unrivalled.

Today we offer a wide range of time switches and heating controls for domestic, commercial and industrial use, via our close relationships with the UK & Ireland’s major electrical wholesalers. We are able to supply our products to companies and organisations the length and breadth of the British Isles.

Project Work
We provide products for projects large and small, single drop or call off orders for long term projects.

We will work with your preferred electrical wholesaler to find the right package for you.

At Sangamo we prefer the personal touch, from on site visits to establish your requirements to our customer service and technical support, our entire team is knowledgeable, experienced and only a call away.

OEM & Customised Products
Our products can be altered or customised to suit your needs. From pre-set time switches - so they can simply be installed and turned on - to bespoke branded products and packaging. We work with many companies and organisations to provide tailored solutions for their projects.

A Scolmore® Group Company
Sangamo has been part of the Scolmore® Group of companies since 2018, and whilst the company operates independently, Sangamo benefits from the expertise, knowledge and support of the Scolmore® Group and continues to create strong growth within its product categories.

Scolmore® has been a leading UK manufacturer of electrical accessories and lighting products since 1989 and has earned a reputation worldwide for high quality products, innovative solutions and exemplary customer service. Key to the continued success of the group is the commitment to developing new products which incorporate the very latest in technological advancements, and provide contractors and installers with cost-efficient, easy to install solutions that help them remain highly competitive.

UK Manufacturing
Our Round Pattern Time Switch and Powersaver product ranges are both fully manufactured in the UK by our experienced production team.

Five Year Guarantee
Sangamo has a proud reputation for quality and reliability. To ensure our products can be installed and used with complete confidence we guarantee our full range of time switches and heating controls for five years from the date of manufacture.
CHOICE Range

Choice Programmers ...........6
Choice Thermostats ..........8

POWERSAVER Range

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Astro/Suntracker RPTS .......22

Round Pattern
Time Switch Range

NFC DIN Rail Time Switches ...24
DIN Rail Time Switches ......26
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DIN & PANEL Range
Programmers are a key component of heating control systems. Since many homes are unoccupied for parts of the day, there is little point in heating them if no one is there to benefit. A programmer allows the occupant to specify when the heating comes on to match their lifestyle and their heating requirements.

For many people in the UK, this simply means firing up the heating in the winter months for a couple of hours in the morning, so the house is warm when they wake up, and then firing the heating up again in the evening so the house is warm when they get home until they go to bed.

**Programmers**

<table>
<thead>
<tr>
<th>Feature</th>
<th>CHOICE PR1n 1 Channel Programmer</th>
<th>CHOICE PR2n 2 Channel Programmer</th>
<th>CHOICE PR3n 3 Channel Programmer</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 hour, 5/2 day and 7 day selectable</td>
<td>2 or 3 ON/OFF periods selectable</td>
<td>1, 2 or 3 hour boost</td>
<td>Advance to next programmed event</td>
</tr>
<tr>
<td>2 or 3 ON/OFF periods selectable</td>
<td>1, 2 or 3 hour boost</td>
<td>Advance to next programmed event</td>
<td>Automatic Summer/Winter time change</td>
</tr>
<tr>
<td>1, 2 or 3 hour boost</td>
<td>Advance to next programmed event</td>
<td>Automatic Summer/Winter time change</td>
<td>Standard wall plate - simple plug in and replace</td>
</tr>
<tr>
<td>Advance to next programmed event</td>
<td>Automatic Summer/Winter time change</td>
<td>Standard wall plate - simple plug in and replace</td>
<td>Pumped system</td>
</tr>
<tr>
<td>Automatic Summer/Winter time change</td>
<td>Standard wall plate - simple plug in and replace</td>
<td>Pumped system</td>
<td>Comply with Part L of the Building Regulations</td>
</tr>
</tbody>
</table>

**Power Supply**
- **CHOICE PR1n**: 230V AC, 50Hz
- **CHOICE PR2n**: 230V AC, 50Hz
- **CHOICE PR3n**: 230V AC, 50Hz

**Operating Temperature**
- **CHOICE PR1n**: 0°C to 40°C
- **CHOICE PR2n**: 0°C to 40°C
- **CHOICE PR3n**: 0°C to 40°C

**Total Switch Rating**
- **CHOICE PR1n**: 230V AC, 2(1)A (per channel)
- **CHOICE PR2n**: 230V AC, 2(1)A (per channel)
- **CHOICE PR3n**: 230V AC, 2(1)A (per channel)

**Contact Type**
- **CHOICE PR1n**: 1B, Micro-Disconnection (Voltage Free)
- **CHOICE PR2n**: 1B, Micro-Disconnection (Voltage Free)
- **CHOICE PR3n**: 1B, Micro-Disconnection (Voltage Free)

**Battery Type**
- **CHOICE PR1n**: Lithium Cell CR2032
- **CHOICE PR2n**: Lithium Cell CR2032
- **CHOICE PR3n**: Lithium Cell CR2032

**Enclosure Protection**
- **CHOICE PR1n**: IP30
- **CHOICE PR2n**: IP30
- **CHOICE PR3n**: IP30

**Plastics**
- **CHOICE PR1n**: Thermoplastic, flame retardant
- **CHOICE PR2n**: Thermoplastic, flame retardant
- **CHOICE PR3n**: Thermoplastic, flame retardant

**Wiring**
- **CHOICE PR1n**: Fixed wiring only
- **CHOICE PR2n**: Fixed wiring only
- **CHOICE PR3n**: Fixed wiring only

**Backplate**
- **CHOICE PR1n**: Industry standard
- **CHOICE PR2n**: Industry standard
- **CHOICE PR3n**: Industry standard

**Dimensions**
- **CHOICE PR1n**: 160mm x 87mm x 37mm
- **CHOICE PR2n**: 160mm x 87mm x 37mm
- **CHOICE PR3n**: 160mm x 87mm x 37mm

**Clock**
- **CHOICE PR1n**: 12 hour am/pm, 1 minute resolution, accuracy ± 1.5 sec/day
- **CHOICE PR2n**: 12 hour am/pm, 1 minute resolution, accuracy ± 1.5 sec/day
- **CHOICE PR3n**: 12 hour am/pm, 1 minute resolution, accuracy ± 1.5 sec/day

**Program Resolution**
- **CHOICE PR1n**: 10mins
- **CHOICE PR2n**: 10mins
- **CHOICE PR3n**: 10mins

**Program Selection**
- **CHOICE PR1n**: Auto, On all day, On constant, off
- **CHOICE PR2n**: Auto, On all day, On constant, off
- **CHOICE PR3n**: Auto, On all day, On constant, off

**Heating System**
- **CHOICE PR1n**: Pumped or Gravity
- **CHOICE PR2n**: Pumped or Gravity
- **CHOICE PR3n**: Pumped or Gravity

**Complies with**

**Also available:**
- CHOICE PR1SI (as above with Service Interval feature)
- CHOICE PR2SI (as above with Service Interval feature)
- CHOICE PR3SI (as above with Service Interval feature)
A room thermostat is used to regulate and maintain a desirable temperature throughout the home. It works by switching the heating system on and off as the temperature varies throughout the day.

For example, if the temperature drops below a certain level, a sensor in the room thermostat can be made to trigger the switch for the boiler and pump which will heat the radiators and in turn, the rooms in the home. If the room rises above a certain temperature, the thermostat will then turn off the central heating system so that your house will cool down to its desired temperature once more.

### CHOICE THERMOSTATS

**CHOICE RSTAT1**

- Mechanical Thermostat
- Dual diaphragm temperature sensing element
- Suitable for surface or pattress box mounting
- 10 to 30°C Set point range
- 2 Wire Installation
- Three terminal heating/cooling changeover
- LCD showing room temperature
- Comfort/Economy or ON/OFF modes
- Frost protection
- Battery Powered (with battery low indication)
- 2 Wire installation
- 5-30°C set point range

**Power Supply** 230V AC, 50Hz

**Operating Temperature** 10°C to 30°C

**Current Rating** 10A

**Temperature Differential** Approx 4°C

**Operating Temperature Range** 0°C to 40°C

**Dimensions** L83 x H83 x D37

**Complies with** EN60730-1, EN60730-2-9, EMC Directive 2004/108/EC, LVD Directive 2006/95/EC

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**CHOICE RSTAT3**

- Digital Thermostat
- Tamperproof Mechanical Thermostat
- Dual diaphragm temperature sensing element
- Suitable for surface or pattress box mounting
- 10 to 30°C Set point range
- 2 Wire Installation
- Three terminal heating/cooling changeover
- Complete with tamperproof cover

**Power Supply** 2 Alkaline batteries 1.5V (type AA)

**Contact Rating** 3A, 250V AC, (Volt free contact)

**Power reserve** 1 year

**Temperature adjustment range** 5-50°C

**Temperature differential** Approx 4°C

**Operating Temperature Range** 0°C to 40°C

**Dimensions** L83 x H83 x D37

**Complies with** EN60730-1, EN60730-2-9, EMC Directive 2004/108/EC, LVD Directive 2006/95/EC

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**CHOICE THERMOSTATS**

- Choice RSTAT1
- Choice RSTAT3

**SANGAMO**

**CHOICE THERMOSTATS**

- Choice RSTAT1
- Choice RSTAT3

**SANGAMO**
<table>
<thead>
<tr>
<th>CHOICE THERMOSTATS</th>
<th>CHOICE THERMOSTATS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GUARANTEE YEAR</strong></td>
<td><strong>GUARANTEE YEAR</strong></td>
</tr>
<tr>
<td><strong>GUARANTEE YEAR</strong></td>
<td><strong>GUARANTEE YEAR</strong></td>
</tr>
<tr>
<td><strong>GUARANTEE YEAR</strong></td>
<td><strong>GUARANTEE YEAR</strong></td>
</tr>
<tr>
<td><strong>ErP Class +1%</strong></td>
<td><strong>ErP Class +1%</strong></td>
</tr>
</tbody>
</table>

- **Power Supply 230 Vac, 50 Hz**
- **Temperature control range -5 to 25°C**
- **Load rating (1-3) 10A / 250 Vac**
- **Ambient Max T50**
- **Protection Rating IP20**
- **Dimensions 78mm x 78mm x 36mm**
- **Switch Action SPPT Type 1CL**
- **Switch Rating 16(4) A, 230 Vac**
- **Sensing Element Bi-metal**
- **Temperature setting Range 0°C to 90°C**
- **Differential 4°C +2°C**
- **Max Surface Temperature 110°C**
- **Protection IP40**
- **Fixing Plastic coated spring wire (1800mm) with hooks**

### CHOICE RSTAT3RF

- **Wireless Digital Thermostat**
- **30 meters range to the Receiver**
- **Comfort/Economy or On/Off modes**
- **Unique RF address to avoid interference**
- **Clear LCD display showing room temperature**
- **Large control dial**
- **Frost protection**
- **5-35°C set point range**

<table>
<thead>
<tr>
<th>Transmitter</th>
<th>Power Supply</th>
<th>2xAA 1.5V batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery LifeSpan</td>
<td>1 year</td>
<td></td>
</tr>
<tr>
<td>Temperature Adjustment Range</td>
<td>5–30°C</td>
<td></td>
</tr>
<tr>
<td>Temperature Display Range</td>
<td>3–51°C, 1°C</td>
<td></td>
</tr>
<tr>
<td>Temperature Frost Protection</td>
<td>-1°C (non-adjustable)</td>
<td></td>
</tr>
<tr>
<td>Switching Differential</td>
<td>+/- 1°C</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>88 x 88 x 33mm</td>
<td></td>
</tr>
<tr>
<td>Transmission Frequency</td>
<td>63MHz</td>
<td></td>
</tr>
<tr>
<td>Transmission Distance</td>
<td>80m open, 30m indoors</td>
<td></td>
</tr>
<tr>
<td>Mounting Method</td>
<td>Wall/Surface</td>
<td></td>
</tr>
<tr>
<td>Receiver</td>
<td>Power Supply</td>
<td>230Vac, 50Hz</td>
</tr>
<tr>
<td>Contact Rating</td>
<td>16A, 250Vac (Volt Free contact)</td>
<td></td>
</tr>
<tr>
<td>Insulation class</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Flexible Wire Size</td>
<td>1.5mm</td>
<td></td>
</tr>
<tr>
<td>Rigid Wire Size</td>
<td>1.5mm</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>110 x 105 x 21.5mm</td>
<td></td>
</tr>
<tr>
<td>Transmissions Frequency</td>
<td>868MHz</td>
<td></td>
</tr>
<tr>
<td>Transmission Distance</td>
<td>80m open, 30m indoors</td>
<td></td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall or freestanding using table stand</td>
<td></td>
</tr>
</tbody>
</table>

### CHOICE RSTAT5RF

- **Wireless Digital Programmable Thermostat**
- **30 meters range to the Receiver**
- **Economy and Comfort Operation**
- **24 hour or 7 day programmable**
- **6 programmable events per day**
- **Frost protection**
- **5-35°C set point range**

<table>
<thead>
<tr>
<th>Transmitter</th>
<th>Power Supply</th>
<th>4xAA 1.5V Alkaline batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery LifeSpan</td>
<td>1 year</td>
<td></td>
</tr>
<tr>
<td>Temperature adjustment Range</td>
<td>5–30°C (increment 0.1)</td>
<td></td>
</tr>
<tr>
<td>Temperature control range</td>
<td>0–50°C (increment 0.5)</td>
<td></td>
</tr>
<tr>
<td>Program time increment</td>
<td>10 minutes</td>
<td></td>
</tr>
<tr>
<td>Temperature accuracy</td>
<td>+/- 1°C</td>
<td></td>
</tr>
<tr>
<td>Switching Differential</td>
<td>+/- 0.5°C or +/-0.1°C selectable</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0–90°C</td>
<td></td>
</tr>
<tr>
<td>Clock Accuracy</td>
<td>1sec / day</td>
<td></td>
</tr>
<tr>
<td>Protection Rating</td>
<td>IP23</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>110 x 104 x 21.5mm</td>
<td></td>
</tr>
<tr>
<td>Transmission Frequency</td>
<td>868MHz</td>
<td></td>
</tr>
<tr>
<td>Transmission Distance</td>
<td>80m open, 30m indoors</td>
<td></td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall or freestanding using table stand</td>
<td></td>
</tr>
</tbody>
</table>

### CHOICE FSTAT1

- **Frost Thermostat**
- **Easy fixing to all hot water cylinders**
- **Suitable for use on uninsulated and foam lagged cylinders**
- **Cylinder strap and hooks provided**
- **Pipe mounting attachment included**

| Power Supply | 230Vac, 50Hz |
| Temperature control range | -5 to 25°C |
| Load rating (1–3) | 10A / 250Vac |
| Ambient Max | 75°C |
| Protection Rating | IP20 |
| Dimensions | 78mm x 78mm x 36mm |

### CHOICE CSTAT

- **Cylinder Thermostat**
- **Bi-Metallic temperature sensing element**
- **Suitable for surface or switch box mounting**
- **-5 to 25°C set point range**
- **Tamper resistant cover fitted with accelerator heater**

| Switch Action | SP/PT Type 1CL |
| Switch Rating | 16/4A, 230Vac |
| Sensing Element | Bi-metal |
| Temperature setting Range | 0°C to 90°C |
| Differential | 0°C–2°C |
| Max Surface Temperature | 110°C |
| Protection | IP40 |
| Fixing | Plastic coated spring wire (1800mm) with hooks |
NETATMO SMART THERMOSTAT

The Netatmo Smart Thermostat’s intelligent system predicts the start of the heating period, ensuring comfort at the right time. Forget waking up to chilly mornings or returning to a cold house after a long day at work.

Thanks to its Auto-Care function, the Netatmo Smart Thermostat can tell you when its batteries are low, or notify you of a problem with your heating system’s operation.

With an energy efficient, e-ink display in a stylish and attractive plexiglass cube designed by Philippe Starck and 5 interchangeable colour stickers supplied in the box that allows you to change your thermostat to suit your style.

Widely compatible, it replaces most wired and wireless thermostats on the market and can be used with fuel, gas and wood systems.

As well as Netatmo’s own app the Netatmo Smart Thermostat is also compatible with a number of smart home solutions like Apple HomeKit, Amazon Echo & IFTTT.

SMART THERMOSTAT WITH APP

SMART THERMOSTAT WITH APP

NETATMO THERMOSTAT

Wireless Digital Programmable Thermostat with App

- Replaces wired and wireless thermostat
- APP compatibility (No subscription required)
- 100 meters range to the Receiver (Thermostat to Relay)
- Energy efficient E-ink display
- 5 interchangeable colours

Transmitter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>3xAAA Alkaline batteries</td>
</tr>
<tr>
<td>Battery lifespan</td>
<td>1 year</td>
</tr>
<tr>
<td>Temperature display range</td>
<td>-50°C to 50°C</td>
</tr>
<tr>
<td>Temperature control range</td>
<td>7°C to 30°C</td>
</tr>
<tr>
<td>Protection Rating</td>
<td>IP20</td>
</tr>
<tr>
<td>Dimensions</td>
<td>83 x 83 x 22 mm</td>
</tr>
<tr>
<td>Transmission Frequency</td>
<td>968 MHz</td>
</tr>
<tr>
<td>Transmission Distance</td>
<td>100m</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall or free standing</td>
</tr>
</tbody>
</table>

Receiver

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>230V ac, 50Hz</td>
</tr>
<tr>
<td>Switch Rating</td>
<td>Switching current max 4A</td>
</tr>
<tr>
<td></td>
<td>Switching voltage max 250V</td>
</tr>
<tr>
<td>Wireless Specification</td>
<td>802.11 b/g/n compatible (2.4GHz)</td>
</tr>
<tr>
<td></td>
<td>Supported security: OpenWPA/ WEP/ WPA/ WPA2-personal (TKIP and AES)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>88 x 88 x 39.4 mm</td>
</tr>
<tr>
<td>Complies with</td>
<td>CE</td>
</tr>
</tbody>
</table>
POWERSAVER CONTROLLERS

The primary application for the Powersaver range is to control immersion heaters. In a typical UK household nearly 20% of a home’s energy cost is spent on heating hot water. Leaving an immersion heater on all the time can be a significant waste of energy that can drive this figure up to 25% or higher.

Immersion heaters are often rated at 3kw which, if left on permanently, can cost around 13p per hour/ £1.56 per day/ £450 per year, so it is best to have control of your heating patterns.

Fitting a Sangamo immersion heater controller can reduce these costs by up to 50%, even more if the property can take advantage of a dual tariff electricity and controlled by the Powersaver Dual Flexi.

The Powersaver Boost and Select models are also suitable for heavier duty lighting and electric panel heater applications in both domestic and commercial properties.

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### Powersaver Boost

- 24 hour, 5/2 day & 7 day selectable
- Up to 3 programs per day
- 30 min, 1 hour & 2 hour multi-press boost function
- Fits directly into a single gang surface box
- Button lock feature
- Automatic summer/winter time change

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>230V / 50/60 Hz a.c.</td>
</tr>
<tr>
<td>Contact Rating</td>
<td>16A Resistive 230V a.c.</td>
</tr>
<tr>
<td>Fixing</td>
<td>Single Pattress – Surface and Flush Mounting</td>
</tr>
<tr>
<td>Live Parts Protection</td>
<td>Enclosure Protection</td>
</tr>
<tr>
<td>Dirt and Moisture Protection</td>
<td>IP00</td>
</tr>
<tr>
<td>Shock Protection</td>
<td>Class 1 (this unit must be connected to earth)</td>
</tr>
<tr>
<td>Case Material</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Action Type</td>
<td>1B</td>
</tr>
<tr>
<td>Temperature Rating</td>
<td>T35</td>
</tr>
<tr>
<td>Operation Temperature</td>
<td>0°C to 35°C</td>
</tr>
<tr>
<td>Memory Reserve</td>
<td>6 hours - power required for previous 12 hours</td>
</tr>
<tr>
<td>Display</td>
<td>LED</td>
</tr>
<tr>
<td>Dimensions</td>
<td>87mm x 87mm x 30mm</td>
</tr>
<tr>
<td>Complies with</td>
<td>BS EN60730</td>
</tr>
</tbody>
</table>

### Powersaver Select

- Suitable for single, dual and twin immersion elements
- Pre-set adjustable programs for use with low rate tariffs (Economy 7, Economy 10 & Eco 20:20)
- Direct upgrade to Horstmann E7 & E7Q and Sangamo Q7 controllers
- 24 hour electronic timer
- Automatic summer/winter time change
- Programmable boost function – 2 hours max

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>230V +10% / -15%</td>
</tr>
<tr>
<td>Frequency</td>
<td>50/60Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>1.2W</td>
</tr>
<tr>
<td>Contact Rating</td>
<td>13A Resistive 230V Suitable for immersion heaters up to 3kW</td>
</tr>
<tr>
<td>Contact Type</td>
<td>Micro-disconnection on control Disconnection to immersion heater(s) via double pole rocker switch</td>
</tr>
<tr>
<td>Memory Reserve</td>
<td>3 years</td>
</tr>
<tr>
<td>Timing Accuracy</td>
<td>+/- 5 sec per day at +23°C</td>
</tr>
<tr>
<td>Operation Temperature</td>
<td>0°C to 35°C</td>
</tr>
<tr>
<td>Shock Protection</td>
<td>Class 1</td>
</tr>
<tr>
<td>Live Parts Protection</td>
<td>Enclosure Protection</td>
</tr>
<tr>
<td>Dirt and Moisture Protection</td>
<td>IP00</td>
</tr>
<tr>
<td>Dimensions</td>
<td>169mm wide, 114mm height, 60mm deep (excluding rocker switch &amp; buttons)</td>
</tr>
<tr>
<td>Complies with</td>
<td>BS EN60730</td>
</tr>
</tbody>
</table>
Programmers are a key component of heating control systems. Since many homes are unoccupied for parts of the day, there is little point in heating them if no one is there to benefit. A programmer allows the occupant to specify when the heating comes on to match their lifestyle and their heating requirements.

For many people in the UK, this simply means firing up the heating in the winter months for a couple of hours in the morning, so the house is warm when they wake up, and then firing the heating up again in the evening so the house is warm when they get home until they go to bed.

S250 STANDARD RANGE

The original RPTS model for those that need simple on & off switching of up to 20A. The dial is 24 hour but contains a Day Omit device which skips the ON operation on selected days of the week. These switches come with either 2 or 3 sets of ON & OFF arms. To set the switch you simply loosen the centre screw, move the arms around the dial to match up with the switching times and re-tighten.

3-PIN OR 4-PIN

3-pin switches have common clock & switch connections. 4-pin switches have independent clock & switch connections enabling the use of a different switching circuit voltage, a Volt Free Contact, in effect.
ROUND PATTERN TIME SWITCHES

Sangamo have manufactured the renowned RPTS from our Port Glasgow factory since 1951, having sold over 11 million switches and counting. These 20A switches are famous for their high capacity, quality and reliability.

We often hear from customers who have had switches installed for over 5 decades and often on their second use, having outlived the equipment they were being utilised for.

Q550 STANDARD RANGE

The ‘red dial’ time switch. Sangamo RPTS with red print on the dial contain a 100 hour battery reserve. These switches offer a wider range of variations and options than the S250 Range.

3-PIN OR 4-PIN

3-pin switches have common clock & switch connections. 4-pin switches have independent clock & switch connections enabling the use of a different switching circuit voltage, a Volt Free Contact, in effect.

Q554.2 Standard 3 Pin Time Switch, 2 on/offs
Q554.3 Standard 3 Pin Time Switch, 3 on/offs
Q555.2 Standard 4 Pin Time Switch, 2 on/offs
Q555.3 Standard 4 Pin Time Switch, 3 on/offs
Q555.2110V 110v Standard 4 Pin Time Switch, 2 on/offs
Q557.2 Standard 4 Pin Time Switch, 2 on/offs, omit off operation
Q557.3 Standard 4 Pin Time Switch, 3 on/offs, omit off operation
Q559.2 Standard 4 Pin Time Switch, 2 on/offs, early off on 1 day/week
Q563.2 Standard 4 Pin Time Switch, 2 on/off Changeover Operations
Q563.3 Standard 4 Pin Time Switch, 3 on/off Changeover Operations
Q586.2 Standard 4 Pin Time Switch, 2 on/off Changeover Operations, early on 1 day/week
ROUND PATTERN TIME SWITCHES

Sangamo have manufactured the renowned RPTS from our Port Glasgow factory since 1951, having sold over 11 million switches and counting. These 20A switches are famous for their high capacity, quality and reliability.

We often hear from customers who have had switches installed for over 5 decades and often on their second use, having outlived the equipment they were being utilised for.

E850 STANDARD RANGE

Digital RPTS combine the high capacity and reliability of the electro-mechanical models but provide full 7 day programming, allowing for more complex fixed time program schedules.

The unit is easy & intuitive to program by painting in and wiping out segments on the dial face.

3-PIN OR 4-PIN

3-pin switches have common clock & switch connections. 4-pin switches have independent clock & switch connections enabling the use of a different switching circuit voltage, a Volt Free Contact, in effect.

E854 Digital 3 Pin Time Switch, 96 Operations

- Power Supply: 230V AC, 50/60Hz
- Programming: 96 Operations
- Display: LCD
- Mounting: Surface Mount
- Reserve: 20 days (Replaceable Battery)
- Temp Override Facility: 2hr Override On, Advance to Off
- Cable Size: 6.0mm2
- Timing Accuracy: 5 mins/year
- Holiday Mode: Suspends programs for 14 days, or indefinitely
- BST/GMT Changeover: Automatic
- Temperature Range: 35°C
- Live Parts Protection: Enclosure Protection
- Dust & Moisture Protection: IP20
- Dust Protection: Class 11 (Functional and supplementary insulation)
- Period Between ON/OFF Operations: 15 mins
- Dimensions: Height (wall mounted) 136mm, width 105.7mm, projection 82mm, (Total height 146.5mm)

E855 Digital 4 Pin Time Switch, 96 Operations

- Programming: 7 day programme
- Up to 48 on and 48 off (96 operations per day)
- Each day can be programmed independently
- Holiday mode
- Auto BST/GMT changeover
- Current Rating: 20A
- Battery Reserve: 20 days
- Temporary override (manual button)
Q550 ASTRO/SUNTRACKER
Astro/Suntracker switches automatically adjust themselves to follow Sunrise/Sunset times throughout the year. This makes them ideal for controlling external and internal lighting loads up to 20A or 3,600W of LED lighting with no need for a sensor.

As these switches track the motion of the sun & not the time it should be set to GMT & left all year, so there’s no need to worry about summer & winter clock changes, the switch does it all itself. The month dial controls the brass sunset/sunrise arms automatically to keep the lights switching at the right time each day.

Sunset & Sunrise times vary through the length of the British Isles by as much as 40 minutes at certain times of year. Our RPTS Astro models come in 4 zone variations to make the switching times more accurate. Additionally, users can alter the longitude setting away from the 0° longitude line to focus the accuracy in further, if required.

2 on/off models have a second set of fixed time operating arms, allowing you to set your lighting to go off for a set period overnight while still benefiting from the sunset and sunrise programming.

All models also contain a 100 hour battery reserve.

3-PIN OR 4-PIN
3-pin switches have common clock & switch connections. 4-pin switches have independent clock & switch connections enabling the use of a different switching circuit voltage, a Volt Free Contact, in effect.
NFC DIN RAIL TIME SWITCHES

NFC (Near Field Communication) is a wireless communication protocol that allows you to program the switch using the free Sangamo Connect app on an Android NFC Smart phone.

This works the same way as contactless bank cards, oyster travel cards and mobile payment systems. You set the program up on the app and hold the phone next to the switch to read, write or transfer programming times.

- Volt-free 16A changeover contact
- 4 memory locations
- Basic Astro programming
- Works with Android NFC phones for programming
- Battery Reserve: 10 years

72102NFC

Astro NFC 1 Module 1 Channel, 24 hr Timer, 4 Operations

- Power Supply: 230V AC, 50/60Hz
- Programming: 4 Operations
- Display: LCD
- Mounting: DIN
- Current Rating: 16A
- Switching Capacity: 10A Inductive@0.6pf
- Reserve: 10 years
- Switching Functions: Astro ON/OFF, Night ON/OFF
- Offset Astro Switching: +/- 90 min.
- Memory Locations: 4
- Minimum Interval: 1 min
- Program Security: unlimited (E2-PROM)
- Temperature Range: -30°C to +55°C
- Enclosure: Self-extinguishing thermoplastic
- Type of Protection: IP20 to EN 60529
- Dimensions: 90 x 36 x 63 mm

72103NFC

Astro NFC 2 Module 1 Channel, 7 day Timer, 56 Operations

- Power Supply: 230V AC, 50/60Hz
- Programming: 56 Operations
- Display: LCD
- Mounting: DIN
- Current Rating: 16A
- Switching Capacity: 10A Inductive@0.6pf
- Reserve: 10 years
- Switching Functions: Astro ON/OFF, Night ON/OFF, Extra On/Off, Permanent On/Off
- Offset Astro Switching: +/- 90 min.
- Memory Locations: 56
- Minimum Interval: 1 min
- Program Security: unlimited (E2-PROM)
- Temperature Range: -30°C to +55°C
- Enclosure: Self-extinguishing thermoplastic
- Type of Protection: IP20 to EN 60529
- Dimensions: 90 x 36 x 63 mm

Also available:

- 72203NFC (as above with 2 channels)
- 72213NFC (as above with 2 channels)
DIN RAIL TIME SWITCHES

All Sangamo's DIN Rail mountable time switches are designed for 35mm "Top Hat" rail. Switches come in 1, 2 or 4 modules, each module is 17.5mm wide, which fits the required width in the DIN enclosure.

Using the 25195 USB Hub and Easy Vue software or 25196 USB Hub with bluetooth and connect app programs can be transferred to a 25193 data key and then to one or multiple switches. 1 module switches do not require a Data Key as the fascia can be removed and slotted into the Hub directly.

Pulse Programming
Short term switching at fixed times. Ideal for school bells, sirens, churches, etc. A burst from 1 second up to 59m 59s can be programmed into the unit. This feature appears on all standard switches.

71111
Standard 1 Module 1 Channel, 7 Day, 46 Operations

72112
Standard 2 Module, 1 Channel, 7 Day, 46 Operations

Also available: 72212 (as above with 2 channels)

Power Supply 230V AC, 50/60Hz
Programming 46 Operations
Display LCD
Mounting DIN
Current Rating 16A
Switching Capacity 6A Inductive@0.6pf
Filament lamp 1,000W
Fluorescent lamp with electronic lamp ballast 500W
Fluorescent lamp conventional lamp ballast 400W
Lamp filament lamp 300W
LED 230V AC, 300W
Reserve 10 years
Switching Functions ON; OFF; Pulse, Permanent On/Off
Pulse Length 00:01 up to 59:59 mm:ss
Memory Locations 48
Minimum Interval 1 min
Program Security unlimited (E2-PROM)
Temperature Range -30°C to +55°C
Enclosure Self-extinguishing thermoplastic
Type of Protection IP20 to DIN EN 60529
Class of Protection 2 when installed according to regulations
Dimensions 90 x 36 x 63 mm

Power Supply 230V AC, 50/60Hz
Programming 300 Operations
Display LCD
Mounting DIN
Current Rating 16A
Switching Capacity 10A Inductive@0.6pf
Filament lamp 2,000W
Fluorescent lamp uncompensated 1,000VA
Fluorescent lamp series compensated 1,000VA
More Switching Capacity info available upon request
Reserve 6 years
Switching Functions ON; OFF; Pulse; Cycle, Extra On/Off, Permanent On/Off
Pulse length - Pulse function (switching time) 00:01 up to 59:59 mm:ss
Pulse Length - Timer (man. switching) 0:00:01 up to 9:59:59 h:mm:ss
Memory Locations 300
Minimum Interval 1 min
Temperature Range -30°C to +55°C
Enclosure Self-extinguishing thermoplastic
Type of Protection IP20 to DIN EN 60529
Class of Protection 2 when installed according to regulations
Dimensions 90 x 36 x 63 mm

DIN RAIL TIME SWITCHES

DIN RAIL TIME SWITCHES

72112
Standard 2 Module, 1 Channel, Yearly Timer, 300 Operations

Also available: 25162 (as above with 2 channels)

Power Supply 230V AC, 50/60Hz
Programming 300 Operations
Display LCD
Mounting DIN
Current Rating 16A
Switching Capacity 10A Inductive@0.6pf
Filament lamp 2,000W
Fluorescent lamp uncompensated 1,000VA
Fluorescent lamp series compensated 1,000VA
More Switching Capacity info available upon request
Reserve 6 years
Switching Functions ON; OFF; Pulse; Cycle, Extra On/Off, Permanent On/Off
Pulse length - Pulse function (switching time) 00:01 up to 59:59 mm:ss
Pulse Length - Timer (man. switching) 00:01 up to 59:59 h:mm:ss
Memory Locations 300
Minimum Interval 1 min
Temperature Range -30°C to +55°C
Enclosure Self-extinguishing thermoplastic
Type of Protection IP20 to DIN EN 60529
Class of Protection 2 when installed according to regulations
Dimensions 90 x 36 x 63 mm

Standard program - 300 memory locations

Standard program - 300 memory locations

Example program:

Day 1: 08:00 ON, 10:00 OFF
Day 2: 09:00 ON, 12:00 OFF
Day 3: 10:00 ON, 14:00 OFF
Day 4: 11:00 ON, 16:00 OFF
Day 5: 12:00 ON, 18:00 OFF
Day 6: 13:00 ON, 19:00 OFF
Day 7: 14:00 ON, 20:00 OFF

This program would turn on at 08:00 on Day 1 and turn off at 10:00. The same program would be repeated on Days 2 to 7.

More information on switching capacity available upon request.
DIN RAIL TIME SWITCHES

26404
Standard 4 Module 4 Channel, 7 Day Timer, 300 Operations

- Volt-free 16A changeover contact
- 300 memory locations
- Module timer: Multiple applications from one switch
- Standard programming
- Works with key programming & EasyVUE connect (Key & hub are optional extras)
- Battery Reserve: 10 years
- Extra functions - Channel key assignment, accepts external inputs

Power Supply: 230V AC, 50/60Hz
Programming: 300 Operations
Display: LCD
Mounting: DIN
Current Rating: 16A
10A Industrial@0.6pf
Halogen lamp 2,000W
Filament lamp 2,000W
Switching Capacity: Fluorescent lamp uncompensated 1000VA
Fluorescent lamp series compensated 750VA
More Switching Capacity info available upon request
Reserve: 10 years
Switching Functions: ON, OFF, Pulse, Cycle, Permanent On/Off
Function switching time: 0001 to 59.59 mins
Pulse Length - Timer (man. switching): 0001 to 99.99 mins
Memory Locations: 300
Minimum Interval: 1 min
Temperature Range: -30°C to +60°C
Enclosure: Self-extinguishing thermoplastic
Type of Protection: IP20 to DIN EN 60529
Class of Protection: 2 when installed according to regulations
Dimensions: 71 x 72 x 58 mm

11002
Standard 1 Module 24 hr Timer

- Simple programming with 15 min captive segments
- Simple to read switching
- Manual override switch ‘Permanent OFF/Automatic/Permanent ON’
- 100 hour battery reserve

Power Supply: 230V AC, 50/60Hz
Programming: Daily
Display: LCD
Mounting: DIN
Current Rating: 16A
2.5amp Inductive@0.6pf
Switching Capacity: Filament lamp 2,000W
Halogen lamp 2,000W
Fluorescent lamp uncompensated 1200W
Fluorescent lamp series compensated 750W
LED (230 V~) / CFL 200W
Reserve: 100 hrs
Switching Functions: ON, OFF, Permanent On/Off
Switching Operation: 96 per day
Program Security: unlimited (E2-PROM)
Minimum Interval: 15 min
Temperature Range: -5°C to +50°C
Enclosure: Self-extinguishing thermoplastic
Type of Protection: IP20 to DIN EN 60529
Class of Protection: 2 when installed according to regulations
Dimensions: 65 x 18 x 90 mm

ASTRO/SUNTRACKER

71101
Astro 1 Module 1 Channel, 7 Day, 60 Operations

- Volt-free 16A changeover contact
- 60 memory locations
- Astro timer
- Simple programming
- Works with key programming & EasyVUE (Key & hub are optional extras)
- Battery Reserve: 6 years
- Key not required for 71101

Power Supply: 230V AC, 50/60Hz
Programming: 60 Operations
Display: LCD
Mounting: DIN
Current Rating: 16A
Switching Capacity: Filament lamp 2,000W
Halogen lamp 2,000W
Fluorescent lamp uncompensated 1,000VA
Fluorescent lamp series compensated 1,000VA
More Switching Capacity info available upon request
Reserve: 6 years
Switching Functions: ASTRO ON/OFF, Night ON/OFF, Extra ON/OFF
Memory Locations: 60
Minimum Interval: 1 min
Offset Astro Switching Time: +/- 0.599
Temperature Range: 0°C to 50°C
Enclosure: Self-extinguishing thermoplastic
Type of Protection: IP20 to DIN EN 60529
Class of Protection: 2 when installed according to regulations
Dimensions: 71101: 45x17.5x58 mm, 72101, 72201: 45 x 35 x 58 mm.

72201
Astro 2 Module 2 Channel, 7 Day, 60 Operations

- Volt-free 16A changeover contact
- 60 memory locations
- Astro timer
- Simple programming
- Works with key programming & EasyVUE (Key & hub are optional extras)
- Battery Reserve: 6 years
- Key not required for 71101

Power Supply: 230V AC, 50/60Hz
Programming: 60 Operations
Display: LCD
Mounting: DIN
Current Rating: 16A
Switching Capacity: 10A Inductive@0.6pf
Filament lamp 2,000W
Halogen lamp 2,000W
Fluorescent lamp uncompensated 1,000VA
Fluorescent lamp series compensated 1,000VA
More Switching Capacity info available upon request
Reserve: 10 years
Switching Functions: ON; OFF; Pulse; Cycle, Permanent On/Off
Pulse Length - Timer (man. switching): 0001 to 99.99 mins
Memory Locations: 300
Minimum Interval: 1 min
Temperature Range: -30°C to +55°C
Enclosure: Self-extinguishing thermoplastic
Type of Protection: IP20 to DIN EN 60529
Class of Protection: 2 when installed according to regulations
Dimensions: 90 x 72 x 63 mm

26404
Standard 4 Module 4 Channel, 7 Day Timer, 300 Operations

- Volt-free 16A changeover contact
- 300 memory locations
- Module timer: Multiple applications from one switch
- Standard programming
- Works with key programming & EasyVUE connect (Key & hub are optional extras)
- Battery Reserve: 10 years
- Extra functions - Channel key assignment, accepts external inputs

Power Supply: 230V AC, 50/60Hz
Programming: 300 Operations
Display: LCD
Mounting: DIN
Current Rating: 16A
10A Industrial@0.6pf
Filament lamp 2,000W
Halogen lamp 2,000W
Switching Capacity: Fluorescent lamp uncompensated 1000VA
Fluorescent lamp series compensated 750VA
More Switching Capacity info available upon request
Reserve: 10 years
Switching Functions: ON, OFF, Pulse, Cycle, Permanent On/Off
Function switching time: 0001 to 59.59 mins
Pulse Length - Timer (man. switching): 0001 to 99.99 mins
Memory Locations: 300
Minimum Interval: 1 min
Temperature Range: -30°C to +60°C
Enclosure: Self-extinguishing thermoplastic
Type of Protection: IP20 to DIN EN 60529
Class of Protection: 2 when installed according to regulations
Dimensions: 71 x 72 x 58 mm

11002
Standard 1 Module 24 hr Timer

- Simple programming with 15 min captive segments
- Simple to read switching
- Manual override switch ‘Permanent OFF/Automatic/Permanent ON’
- 100 hour battery reserve

Power Supply: 230V AC, 50/60Hz
Programming: Daily
Display: LCD
Mounting: DIN
Current Rating: 16A
2.5amp Inductive@0.6pf
Switching Capacity: Filament lamp 2,000W
Halogen lamp 2,000W
Fluorescent lamp uncompensated 1200W
Fluorescent lamp series compensated 750W
LED (230 V~) / CFL 200W
Reserve: 100 hrs
Switching Functions: ON, OFF, Permanent On/Off
Switching Operation: 96 per day
Program Security: unlimited (E2-PROM)
Minimum Interval: 15 min
Temperature Range: -5°C to +50°C
Enclosure: Self-extinguishing thermoplastic
Type of Protection: IP20 to DIN EN 60529
Class of Protection: 2 when installed according to regulations
Dimensions: 65 x 18 x 90 mm

These switches automatically adjust their sunset & sunrise times based on where you are. This can be set one of two ways;

LOCATION selecting the nearest city to you
POSITION by inputting your co-ordinates; Setting the nearest whole longitude & latitude.
PANEL TIME SWITCHES

The panel time switch range can also be surface or Din rail mounted.

The analogue 16000 range are simple to use and are a cost effective timer. They are extremely easy to set, change and to view programmes. They are often used where multiple people are involved in setting and changing programs. For instance in church halls and similar applications. They are also fitted where the potential user is not comfortable using the latest digital technology, preferring the traditional pin type setting.

The 28000 range provides additional functionality in the same format to suit additional programming requirements.

Pulse Programming
Short term switching at fixed times. Ideal for school bells, sirens, churches, etc. A burst from 1 second up to 59m59s can be programmed into the unit. This feature appears on all standard switches.

28000

III Voltage free 16A changeover contact
III Suitable for Surface, Panel or Din rail mounting
III 200 hour battery reserve (16621 only)
III Programming by 10 min captive segments
III Manual override with automatic return to program
III Contact status display
III Optional accessory 95583 panel kit is available

Power Supply: 230V AC, 50/60Hz
Programming: 24 hour
Display: Analogue
Mounting: Optional
Current Rating: 16A
Switching Capacity: 16A / 250V ~ at cos = 1
Resistance load 16A 280V
Incandescent lamp 1000W 250V
Squirrel-cage motor 350W 250V
Filament Lamp, Halogen Lamp 400W
Fluorescent Lamp with electron. lamp ballast 100W
Fluorescent Lamp with conventional lamp ballast 100W
LED (230V~)/CFL 50W
Reserve: 10 years
Switching Operations: 144 per day
Temperature Range: -10°C to +50°C
Storage Temperature: -20°C to +60°C
Dimensions: 72 x 72 x 49mm
Complies with BS EN 60730

16621
Standard Panel 24 hr Timer (with battery)
Also available: 16622 (as above with no battery)

16921
Standard Panel 7 Day Timer with Battery
Also available: 16922 (as above with 2 channels)
**95583**
Panel Mounting Kit
- For Products: 16621, 16622, 16921, 16922
- An alternative to the supplied backbox

**95587**
Panel Converting Mounting Kit
- For Products: 23871, 23872

**110469**
FD930 Conduit Box Time Switch
- Will accept 3/4in or 20mm conduit
- Fixings supplied
- Robust steel construction with black enamelled finish
- Compatible with S250, Q550 & E850 ranges
- The Easy Vue Hub can be used to program your switch with a blank programming key via PC, using the Easy-Vue software
- Compatible with models: 71101, 72101, 72201, 72112, 72212, 23871, 23872, 25162, 26404
- Not required for 71101, 71111

**143541**
Module Enclosure
- 4-6 module
- IP40 protection
- 145 x 165 x 72mm
- Surface mounted
- Integral DIN-rail
- Suitable for 2 module product applications where Contactor will be used.

**143602**
Module Enclosure
- 1-2 module
- IP40 protection
- 51 x 139 x 60mm
- Surface mounted
- Integral DIN-rail
- Compatible with 1 or 2 module: 11002, 71111, 72112, 72212, 71113NFC, 72213NFC, 25162, 71101, 72201, 72102NFC, 72103NFC, 72203NFC

**143603**
Module Enclosure
- 3-4 module
- IP40 protection
- 88 x 139 x 60mm
- Surface mounted
- Integral DIN-rail
- Suitable for 2 module product applications where Contactor will be used.

**25193**
Programming Data Key
- Data key for use with digital time switches that have key programming feature
- Used to load settings on single or multiple sites where the same product type is used
- Compatible with models: 71201, 72201, 72112, 72212, 23871, 23872, 25162, 26404
- Not required for 71101, 71111

**25195**
Programming Interface
- The Easy Vue Hub can be used to program your switch with a blank programming key via PC, using the Easy-Vue software
- Compatible with models: 71101, 72101, 72201, 71111, 72112, 72212, 23871, 23872, 25162, 26404

**25196**
Programming Interface
- The Easy Vue Hub with Bluetooth can be used to program your switch with a blank programming key via PC, using the Easy-Vue software, or Android smartphone, using the Sangamo Connect app
- Compatible with models: 71101, 72101, 72201, 71111, 72112, 72212, 23871, 23872, 25162, 26404
### Choice Programmers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR1n</td>
<td>1 Channel Programmer</td>
</tr>
<tr>
<td>PR1SI</td>
<td>1 Channel Programmer with Service Interval Feature</td>
</tr>
<tr>
<td>PR2n</td>
<td>2 Channel Programmer</td>
</tr>
<tr>
<td>PR2SI</td>
<td>2 Channel Programmer with Service Interval Feature</td>
</tr>
<tr>
<td>PR3n</td>
<td>3 Channel Programmer</td>
</tr>
<tr>
<td>PR3SI</td>
<td>3 Channel Programmer with Service Interval Feature</td>
</tr>
</tbody>
</table>

### Choice Thermostats

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSTAT1</td>
<td>Mechanical Thermostat</td>
</tr>
<tr>
<td>RSTAT1T</td>
<td>Tamperproof Mechanical Thermostat</td>
</tr>
<tr>
<td>RSTAT3</td>
<td>Digital Thermostat</td>
</tr>
<tr>
<td>RSTAT3RF</td>
<td>Wireless Digital Thermostat</td>
</tr>
<tr>
<td>RSTAT5RF</td>
<td>Wireless Digital Programmable Thermostat</td>
</tr>
<tr>
<td>FSTAT</td>
<td>Frost Thermostat</td>
</tr>
<tr>
<td>CSTAT</td>
<td>Cylinder Thermostat</td>
</tr>
</tbody>
</table>

### Smart Thermostat with App

**NETATMO THERMOSTAT** Wireless Digital Programmable Thermostat with App

### Powersaver Controllers

- **PSB**: Powersaver Boost
- **PSS**: Powersaver Select
- **PSDF**: Powersaver Dual Flexi

### Round Pattern Time Switches

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S254.2</td>
<td>Standard 3 Pin Time Switch, 2 On/Offs</td>
</tr>
<tr>
<td>S254.3</td>
<td>Standard 3 Pin Time Switch, 3 On/Offs</td>
</tr>
<tr>
<td>S255.2</td>
<td>Standard 4 Pin Time Switch, 2 On/Offs</td>
</tr>
<tr>
<td>S255.3</td>
<td>Standard 4 Pin Time Switch, 3 On/Offs</td>
</tr>
<tr>
<td>Q554.2</td>
<td>Standard 3 Pin Time Switch, 2 on/offs</td>
</tr>
<tr>
<td>Q554.3</td>
<td>Standard 3 Pin Time Switch, 3 on/offs</td>
</tr>
<tr>
<td>Q555.2</td>
<td>Standard 4 Pin Time Switch, 2 on/offs</td>
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<tr>
<td>Q555.3</td>
<td>Standard 4 Pin Time Switch, 3 on/offs</td>
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<tr>
<td>Q555.2110U</td>
<td>110V Standard 4 Pin Time Switch, 2 on/offs</td>
</tr>
<tr>
<td>Q557.2</td>
<td>Standard 4 Pin Time Switch, 2 on/offs, omit off operation</td>
</tr>
<tr>
<td>Q557.3</td>
<td>Standard 4 Pin Time Switch, 3 on/offs, omit off operation</td>
</tr>
<tr>
<td>Q559.2</td>
<td>Standard 4 Pin Time Switch, 2 on/offs, early off on 1 day/week</td>
</tr>
<tr>
<td>Q563.2</td>
<td>Standard 4 Pin Time Switch, 2 on/off Changeover Operations</td>
</tr>
<tr>
<td>Q563.3</td>
<td>Standard 4 Pin Time Switch, 3 on/off Changeover Operations</td>
</tr>
<tr>
<td>Q568.2</td>
<td>Standard 4 Pin Time Switch, 2 on/off Changeover Operations, early on 1 day/week</td>
</tr>
</tbody>
</table>

- **EB54**: Digital 3 Pin Time Switch, 96 Operations
- **EB55**: Digital 4 Pin Time Switch, 96 Operations

### Round Pattern Time Switches Continued

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>Q551.14.11</td>
<td>Astro Zone 1, 3 Pin Time Switch, 2 On/Offs</td>
</tr>
<tr>
<td>Q551.14.12</td>
<td>Astro Zone 2, 3 Pin Time Switch, 2 On/Offs</td>
</tr>
<tr>
<td>Q551.14.13</td>
<td>Astro Zone 3, 3 Pin Time Switch, 2 On/Offs</td>
</tr>
<tr>
<td>Q551.14.14</td>
<td>Astro Zone 4, 3 Pin Time Switch, 2 On/Offs</td>
</tr>
</tbody>
</table>

### NFC DIN Rail Time Switches

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>72113NFC</td>
<td>Standard NFC 2 Module 1 Channel, 7 day Timer, 56 Operations</td>
</tr>
<tr>
<td>72113NF</td>
<td>Standard NFC 2 Module 2 Channel, 7 day Timer, 56 Operations</td>
</tr>
<tr>
<td>72102NFC</td>
<td>Astro NFC 1 Module 1 Channel, 24 hr Timer, 4 Operations</td>
</tr>
<tr>
<td>72103NFC</td>
<td>Astro NFC 2 Module 1 Channel, 7 day Timer, 56 Operations</td>
</tr>
<tr>
<td>72203NFC</td>
<td>Astro NFC 2 Module 2 Channel, 7 day Timer, 56 Operations</td>
</tr>
</tbody>
</table>

### DIN Rail Time Switches

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>71111</td>
<td>Standard 1 Module 1 Channel, 7 Day, 46 Operations</td>
</tr>
<tr>
<td>72112</td>
<td>Standard 2 Module 1 Channel, 7 Day, 46 Operations</td>
</tr>
<tr>
<td>72212</td>
<td>Standard 2 Module 2 Channel, 7 Day, 46 Operations</td>
</tr>
<tr>
<td>25162</td>
<td>Standard 2 Module 1 Channel, Yearly Timer, 300 Operations</td>
</tr>
<tr>
<td>26404</td>
<td>Standard 6 Module 4 Channel, 7 Day Timer, 300 Operations</td>
</tr>
<tr>
<td>11002</td>
<td>Standard 1 Module 24 hr Timer</td>
</tr>
<tr>
<td>71101</td>
<td>Astro 1 Module 1 Channel, 7 Day, 60 Operations</td>
</tr>
<tr>
<td>72101</td>
<td>Astro 2 Module 1 Channel, 7 Day, 60 Operations</td>
</tr>
<tr>
<td>72201</td>
<td>Astro 2 Module 2 Channel, 7 Day, 60 Operations</td>
</tr>
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### Panel Time Switches

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>23871</td>
<td>Standard Panel 1 Channel 7 Day Timer</td>
</tr>
<tr>
<td>23872</td>
<td>Standard Digital 2 Channel 7 Day Timer</td>
</tr>
<tr>
<td>16621</td>
<td>Standard Panel 24 hr Timer (with battery)</td>
</tr>
<tr>
<td>16622</td>
<td>Standard Analogue 24 hr Timer</td>
</tr>
<tr>
<td>16921</td>
<td>Standard Panel Mount 7 Day Timer with Battery</td>
</tr>
<tr>
<td>16922</td>
<td>Standard Analogue 7 Day Timer</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>10469</td>
<td>F0930 Conduit Box Time Switch</td>
</tr>
<tr>
<td>25193</td>
<td>Programming Data Key</td>
</tr>
<tr>
<td>25195</td>
<td>Programming Interface</td>
</tr>
<tr>
<td>25196</td>
<td>Programming Interface</td>
</tr>
<tr>
<td>95583</td>
<td>Panel Mounting Kit</td>
</tr>
<tr>
<td>95584</td>
<td>Panel Converting Mounting Kit</td>
</tr>
<tr>
<td>14361</td>
<td>Module Enclosure</td>
</tr>
<tr>
<td>14362</td>
<td>Module Enclosure</td>
</tr>
<tr>
<td>14363</td>
<td>Module Enclosure</td>
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